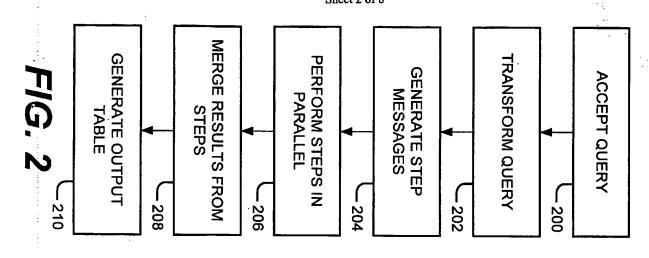
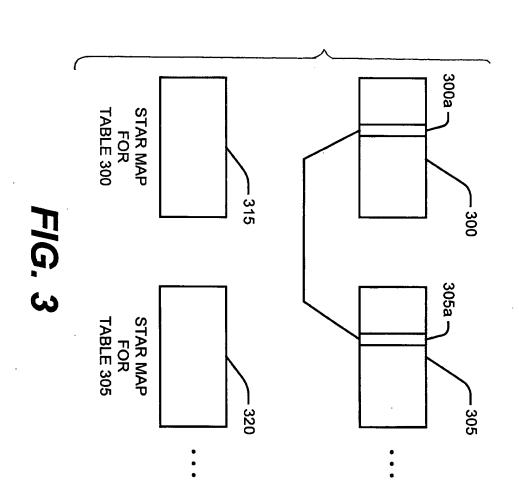
Express Mail #EV067266257US
Filed: 12/31/01; File No. NCR 10239
Inventor: Ramesh Bhashyam
For: Optimizing an Exclusion Join ...
Contact: John D. Cowart/858-485-4903
Sheet 2 of 8





Express Mail #EV067266257US
Filed: 12/31/01; File No. NCR 10239
Inventor: Ramesh Bhashyam
For: Optimizing an Exclusion Join ...
Contact: John D. Cowart/858-485-4903 Sheet 5 of 8 XOR હ $\frac{2}{3}$ **1** SINT AND then the straight the full that the S2 **T2** <u>S</u> 0 XOR 0 0 0 0 0 SINT AND 0 0 0 SS 0

Express Mail #EV067266257US
Filed: 12/31/01; File No. NCR 10239
Inventor: Ramesh Bhashyam
For: Optimizing an Exclusion Join ...
Contact: John D. Cowart/858-485-4903
Sheet 6 of 8 <u>S</u> 7 SINT 유 MOLOCO" CALACTO XOR ည S2 72 \overline{S} 0 0 SINT 유 R 715 0 0 <u>~</u> 0 XOR હ S2 0 0